

Message Text

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PAGE 01 TOKYO 14022 120952Z
ACTION SS-15

INFO OCT-01 EUR-12 EA-10 ISO-00 FEA-01 ACDA-07 CIAE-00
INR-07 IO-13 L-03 NSAE-00 EB-08 NRC-05 OES-07
DODE-00 ERDA-05 SP-02 NSCE-00 SSO-00 INRE-00 /096 W
-----056656 121010Z /13

O R 120920Z SEP 77
FM AMEMBASSY TOKYO
TO SECSTATE WASHDC IMMEDIATE 1034
INFO ERDA GERMANTOWN
ERDA WASHDC
AMEMBASSY VIENNA

C O N F I D E N T I A L TOKYO 14022

USIAEA

FOR AMB. GERARD SMITH; NYE; C. VAN DOREN, ACDA

ERDA FOR SIEVERING, STARBIRD

E.O. 11652: GDS
TAGS: PARM, TECH, ENRG, JA
SUBJECT: USG SAFEGUARDS REVIEW AT TOKAI-MURA

REF: STATE 214306

1. VISIT CARRIED OUT CONSISTENT WITH REFTEL. TEAM DETERMINED THAT FACILITY ATTACHMENTS FOR TOKAI SAFEGUARD AGREEMENT COMPLETED UNDER US-GOJ-IAEA SAFEGUARD AGREEMENT AND WILL BE BASIS FOR IMPLEMENTATION TO COMMENCE 16 SEPTEMBER. FORTHRIGHT DISCUSSIONS CONCERNING CURRENT SAFEGUARD SYSTEM AND ITS IMPLEMENTATION WERE HELD WITH GOJ, PNC AND IAEA (THORNE). ARRANGEMENTS WERE AGREED FOR PERIODIC EXCHANGE OF INFORMATION ON IMPLEMENTATION STATUS AND PROGRESS BY GOJ UNDER EXISTING US-GOJ R&D AGREEMENT WHICH INCLUDES SAFEGUARDS. QUARTERLY MEETINGS FOR THIS PURPOSE ARE ANTICIPATED.

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PAGE 02 TOKYO 14022 120952Z

2. US PARTICIPATION AND ROLE IN ADVANCED INSTRUMENTATION TEST AND EVALUATION PROGRAM ASSURED AND RESULTS OF FIRST ROUND DISCUSSIONS INCLUDED AGREEMENT THAT US COUPLE DIRECTLY WITH EXISTING GOJ-IAEA RESEARCH PROGRAM. FIRST STEP TO BE THE IDENTIFICATION OF KEY TECHNICAL POINT OF CONTACT FOR EACH AREA WITHIN RESPECTIVE

GOVERNMENTS OF US AND GOJ. FIVE AREAS OF SPECIFIC
COLLABORATION MAY BE SUMMARIZED AS:

- A) EVALUATION OF PERFORMANCE AND PRACTICAL APPLICATION
OF SURVEILLANCE DEVICES IN SPENT FUEL RECEIVING AREA.
- B) ANALYSIS OF GAMMA SPECTRA OF THE IRRADIATED FUEL
ASSEMBLIES MEASURED AT THE STORAGE POND.
- C) HULL-MONITORING SYSTEM RESEARCH.
- D) DEMONSTRATION OF INSTRUMENTATION TECHNIQUES FOR
MEASUREMENTS IN THE ACCOUNTABILITY VESSEL; AND
- E) APPLICATION OF DYMAC OR NDA INSTRUMENTATION.

3. TECHNICAL INTERFACES TO BE IDENTIFIED BY 1 OCTOBER
WITH SPECIFIC TASK DEFINITION AND DESIGN OF EXPERIMENTS
TO BE PROPOSED ON OR ABOUT 1 NOVEMBER FOR GOJ CONSIDERATION.
ONE ADDITIONAL AREA OUTSIDE PRESENT GOJ-IAEA RESEARCH
PROGRAM WAS PROPOSED. THIS RESEARCH AREA TO COMMENCE WITH
A MODELING OF CURRENT TOKAI SAFEGUARD SYSTEM AGAINST
WHICH ALTERNATIVE ADVANCED INSTRUMENTATION CONTRIBUTIONS
MIGHT BE COMPARED THROUGH COMPUTER SIMULATION. TEAM
CONCLUDES THEREFORE THAT ARTICLE III PARA 5 OF JOINT
COMMUNIQUE CONCERNING MEANS FOR US PARTICIPATION IN THE
GOJ-IAEA SAFEGUARDS TESTING PROGRAM HAS BEEN AGREED.

4. TEAM HELD DETAILED DISCUSSIONS CONCERNING PLANT
AND PLANT TOUR INCLUDED DURING TWO DAY VISIT TO
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PAGE 03 TOKYO 14022 120952Z

TOKAI.

5. GOJ OFFICIALS VERY RESPONSIVE TO US INITIATIVES,
AND EVIDENCED NO CONCERN OVER TIMING OF VISIT.

6. APPROPRIATE GOJ OFFICIAL (KURIHARA) NOT AVAILABLE
FOR DISCUSSIONS SUBSEQUENT TO SEPTEMBER 12. US TEAM
DEPARTING SEPTEMBER 13/14.
MANSFIELD

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Message Attributes

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